

IN THE CLAIMS:

The following listing of claims replaces all prior versions and listings of claims in the present application.

Listing of Claims:

1. (Currently amended) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide having a PDGF-D activity and having a sequence identity of at least 85% with ~~at least nucleotides 1 to 600 of SEQ ID NO:3, at least nucleotides 1 to 966 of SEQ ID NO:5, at least nucleotides 176-1285 of SEQ ID NO:7, at least nucleotides 935 to 1285 of SEQ ID NO:7, at least nucleotides 1-1110 of SEQ ID NO:35, or at least nucleotides 1-1092 of SEQ ID NO:37,~~ or a polynucleotide which hybridizes under stringent conditions with ~~at least one of said sequences~~ sequence.

2. (Original) An isolated nucleic acid molecule according to claim 1, wherein the sequence identity is at least 90%.

3. (Original) An isolated nucleic acid molecule according to claim 1, wherein the sequence identity is at least 95%.

4. (Currently amended) An isolated nucleic acid molecule according to Claim 1, wherein the nucleic acid molecule comprises a polynucleotide having at

~~least nucleotides 1 to 600 of SEQ ID NO:3, at least nucleotides 1 to 966 of SEQ ID NO:5, at least nucleotides 176-1285 SEQ ID NO:7, at least nucleotides 935 to 1285 of SEQ ID NO:7, at least nucleotides 1-1110 of SEQ ID NO:35, or at least nucleotides 1-1092 of SEQ ID NO:37.~~

5. (Currently amended) An isolated nucleic acid molecule according to claim 1, wherein said nucleic acid ~~molecular~~ molecule is a mammalian polynucleotide.

6. (Currently amended) An isolated nucleic acid molecule according to claim 5, wherein said nucleic acid ~~molecular~~ molecule is a human polynucleotide.

7. (Currently amended) A vector comprising a nucleic acid according to claim 1, wherein said nucleic acid ~~molecular~~ molecule is operably linked with a promoter sequence.

8. (Original) A vector according to claim 7, wherein said vector is a eukaryotic vector or a prokaryotic vector.

9. (Original) A vector according to claim 7, wherein said vector is a plasmid or a baculovirus vector.

10. (Original) A host cell transformed or transfected with a vector according to claim 7.

11. (Original) A host cell according to claim 10, wherein said host cell is a eukaryotic cell or a prokaryotic cell.

12. (Original) A host cell according to claim 10, wherein said host cell is a COS cell or a 293EBNA cell.

13. (Original) A host cell according to claim 10, wherein said host cell is an insect cell.

14. (Currently amended) An isolated nucleic acid molecule according to claim 1, wherein the polypeptide comprises a proteolytic site having the amino acid sequence RKSK ~~or a structurally conserved amino acid sequence thereof.~~

15-16. (Canceled)

17. (Original) A method for producing an activated truncated form of PDGF-D, comprising the steps of:

expressing an expression vector comprising a nucleic acid molecule according to Claim 1,

supplying a proteolytic amount of at least one enzyme for processing said polypeptide to generate an activated truncated form of PDGF-D.

18-22. (Canceled)

23. (Currently amended) A host cell transformed or transfected with a vector comprising a nucleic acid sequence according to claim ~~22~~ 1 operatively linked to a promoter, wherein said host cell expresses a polypeptide comprising an amino acid sequence having at least 85% identity with SEQ ID NOs: ~~4, 6, 8, 36, or 38~~, NO: 6 or a fragment or analog thereof having the biological activity of PDGF-D.

24-29. (Canceled)